



4



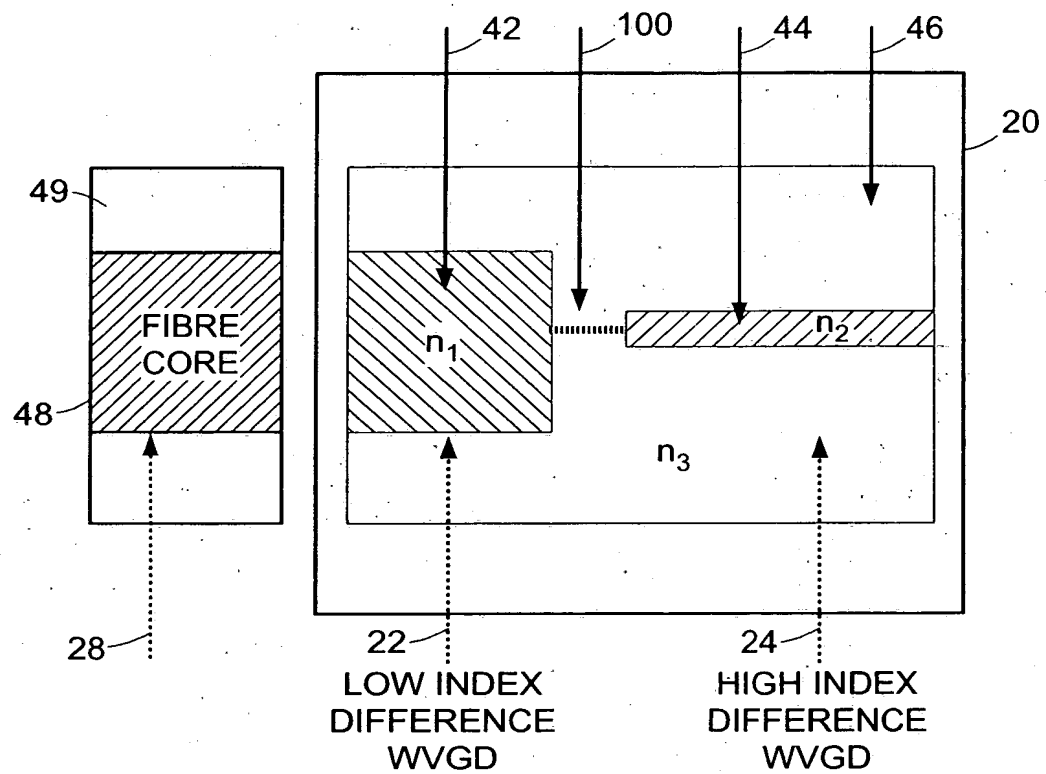


FIG. 3

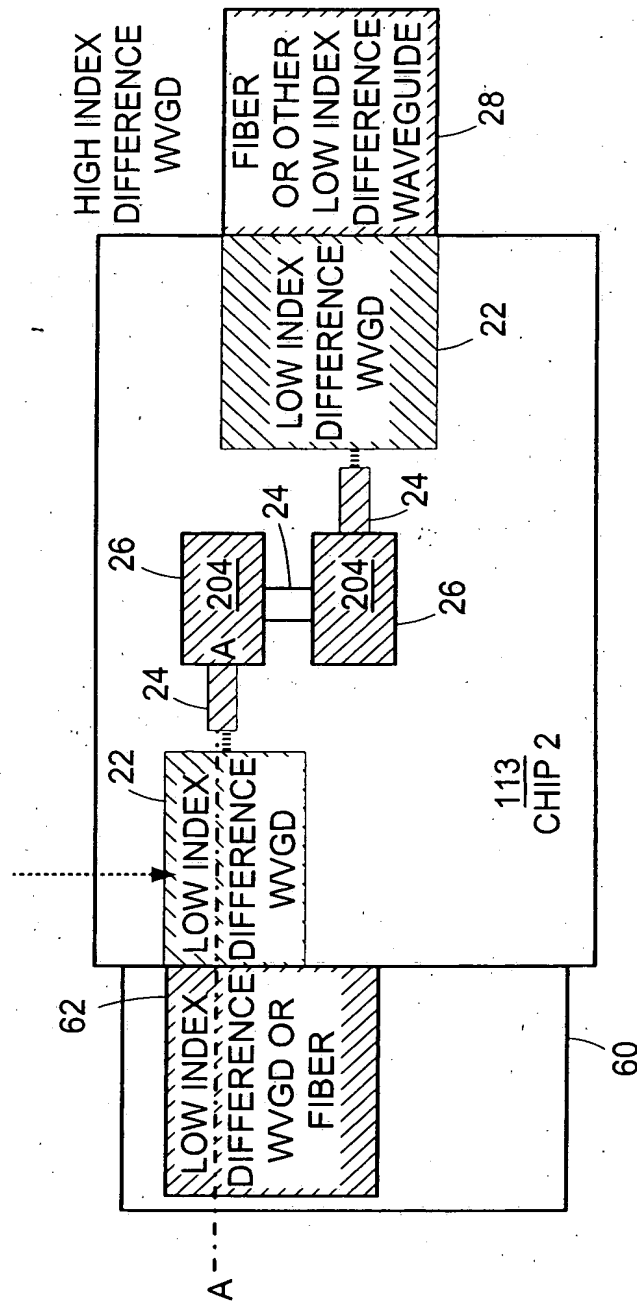


FIG. 4

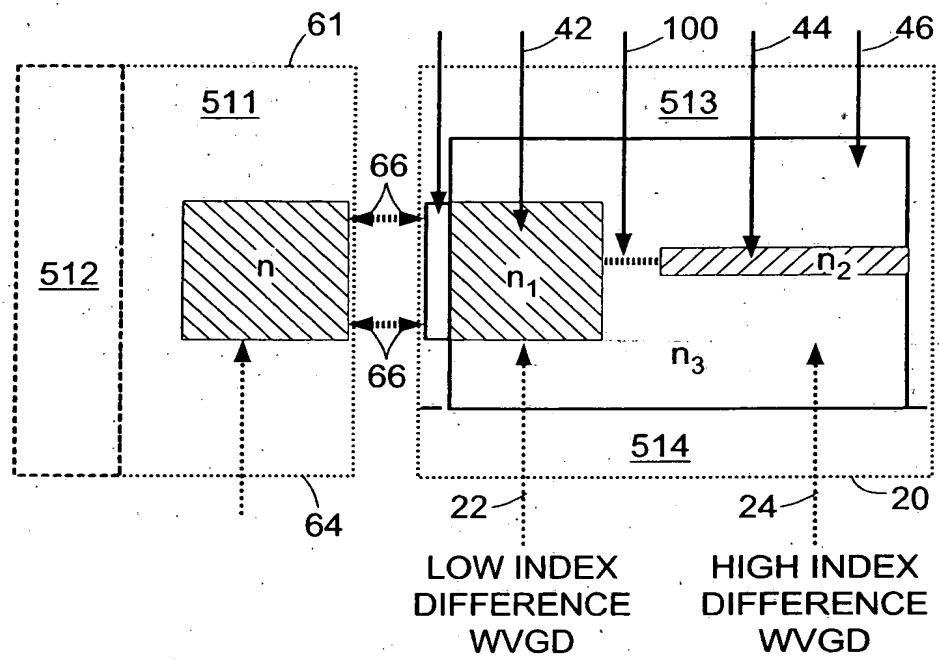


FIG. 5

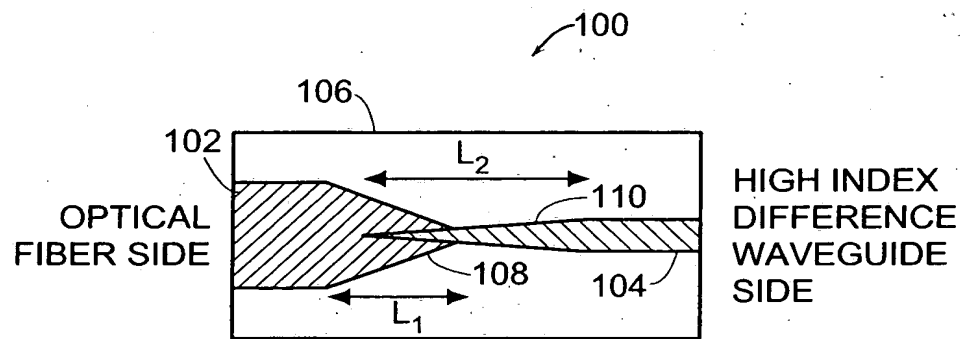


FIG. 6

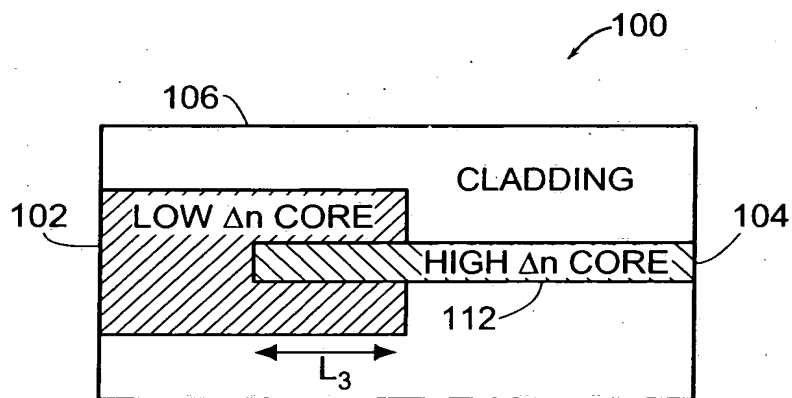


FIG. 7

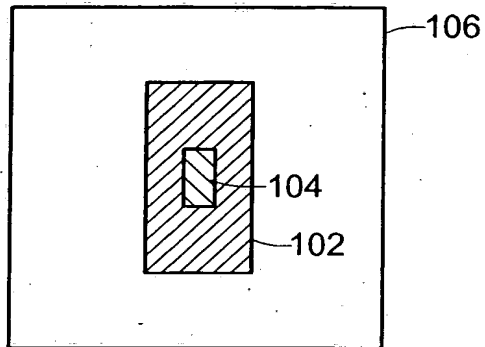


FIG. 8

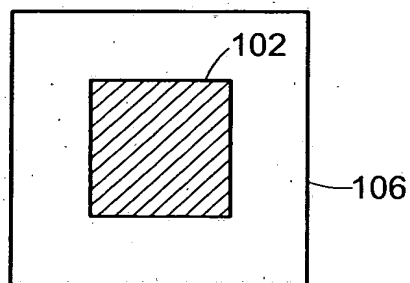


FIG. 9

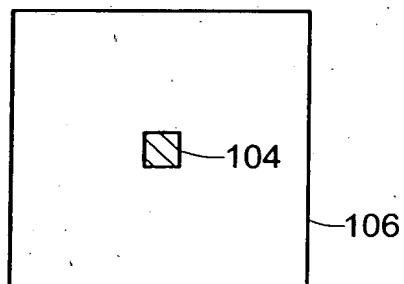


FIG. 10

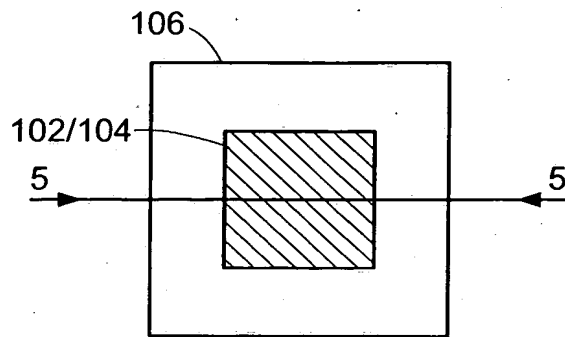


FIG. 11A

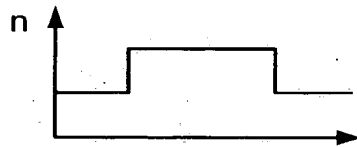


FIG. 11B

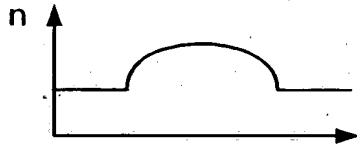


FIG. 11C

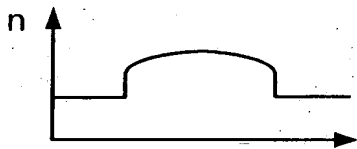


FIG. 11D

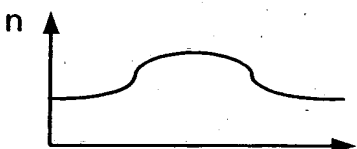


FIG. 11E

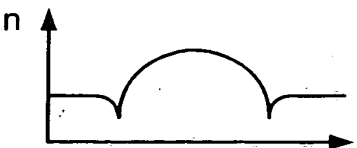


FIG. 11F

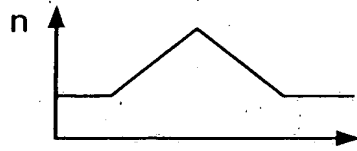


FIG. 11G

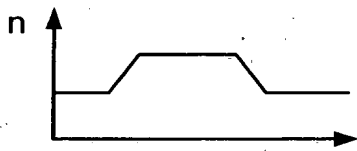


FIG. 11H

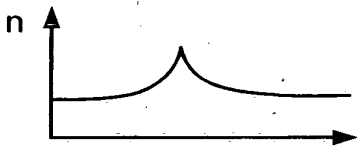


FIG. 11I

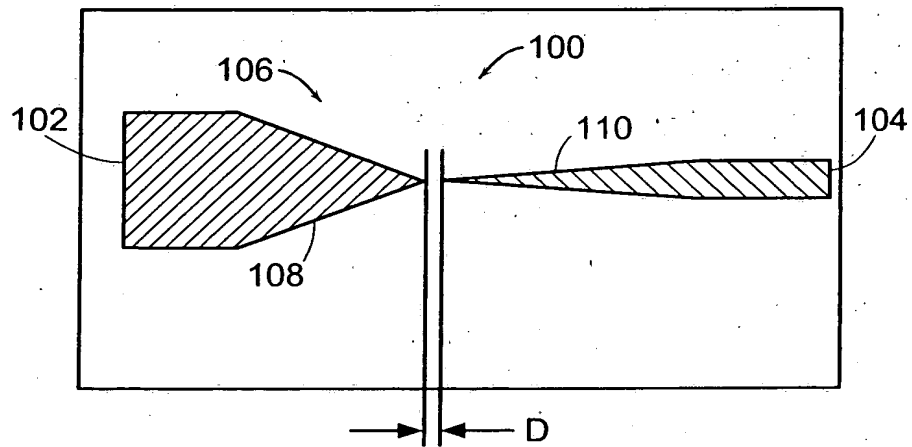


FIG. 12



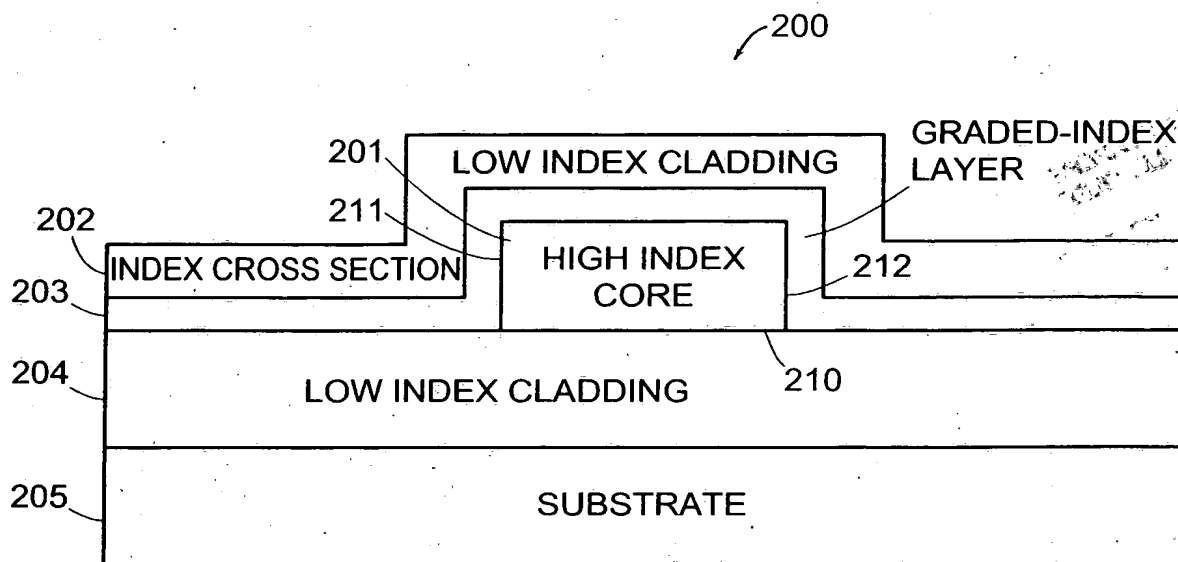


FIG. 13

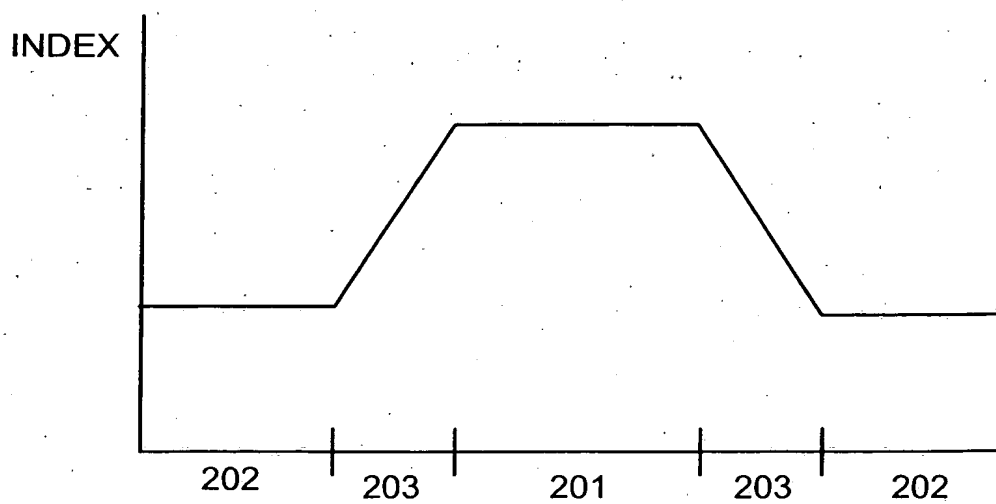
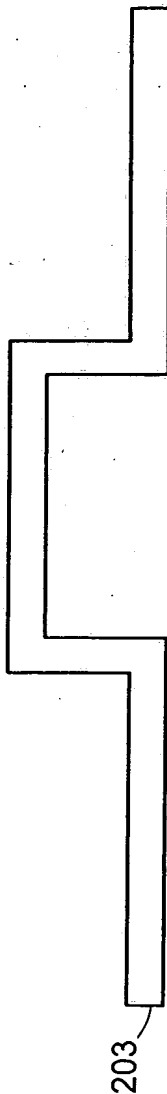


FIG. 14

LOW INDEX CLADDING



GRADED INDEX LAYER  
(HIGH TO LOW INDEX)



HIGH INDEX WAVEGUIDE CORE/  
LOW INDEX CLADDING/  
SUBSTRATE

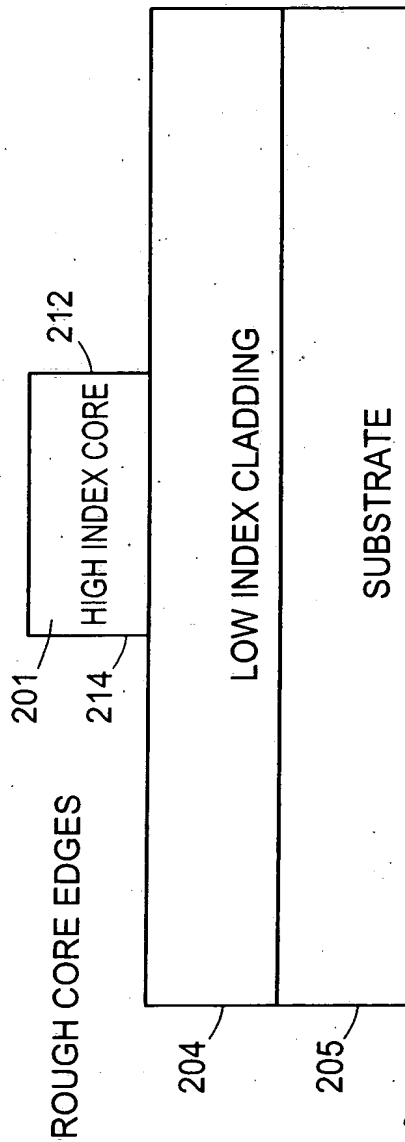


FIG. 15

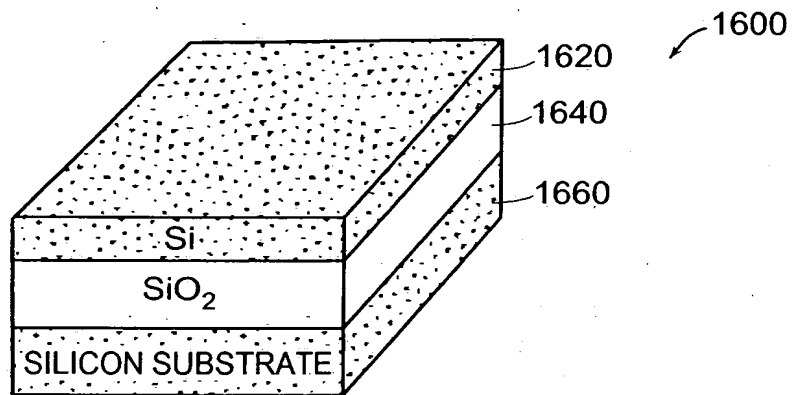


FIG. 16

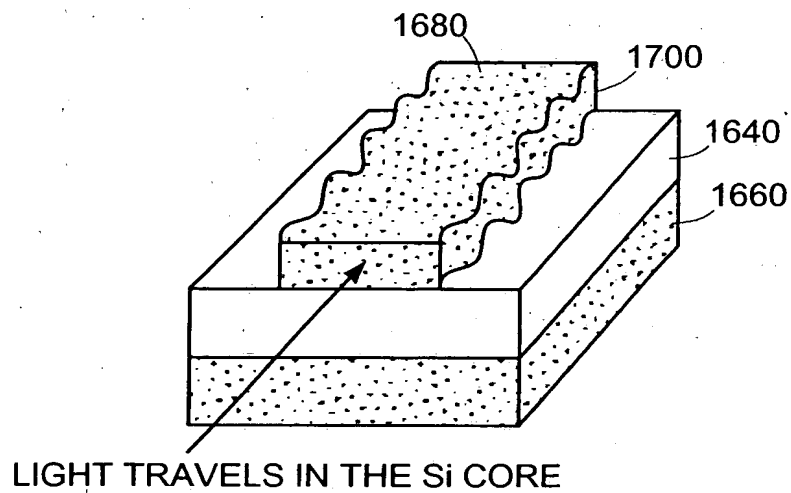


FIG. 17

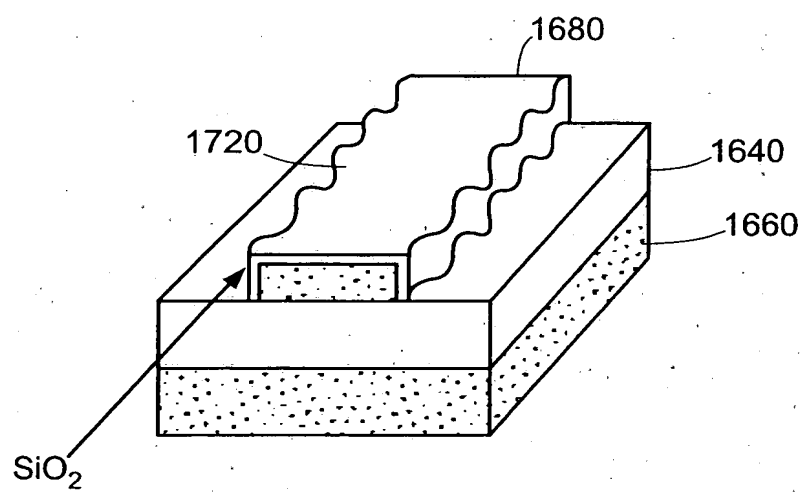


FIG. 18

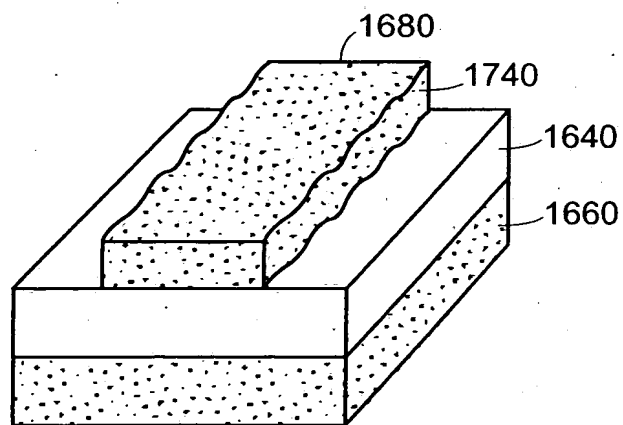


FIG. 19

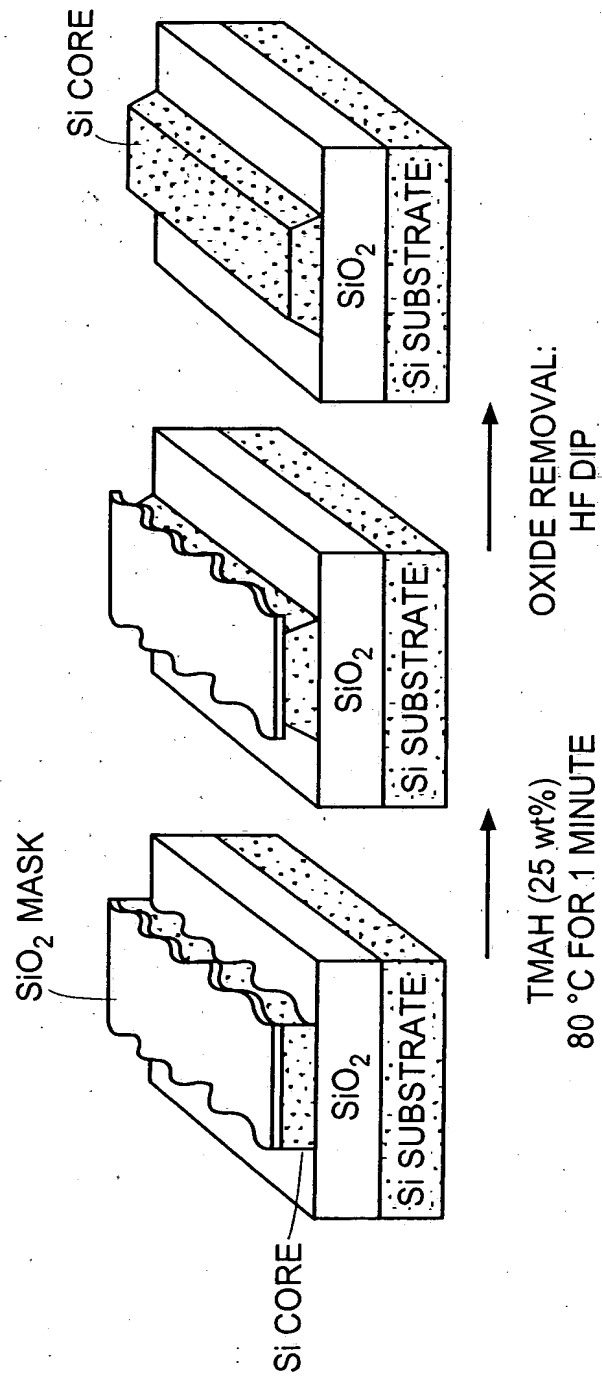


FIG. 20